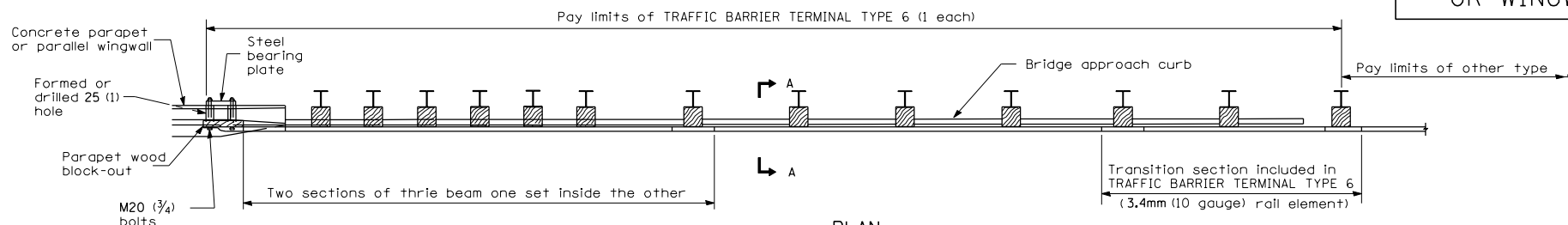
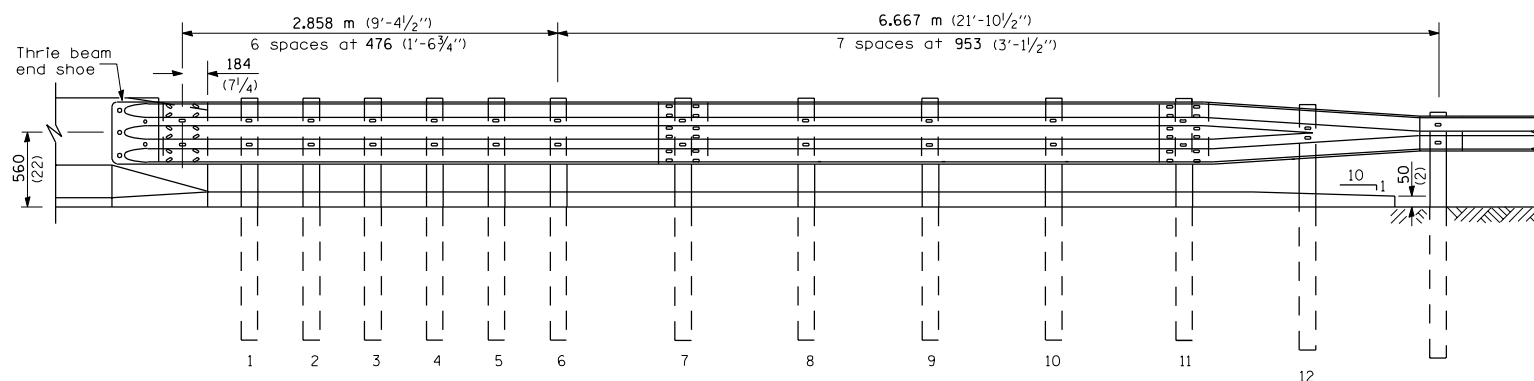


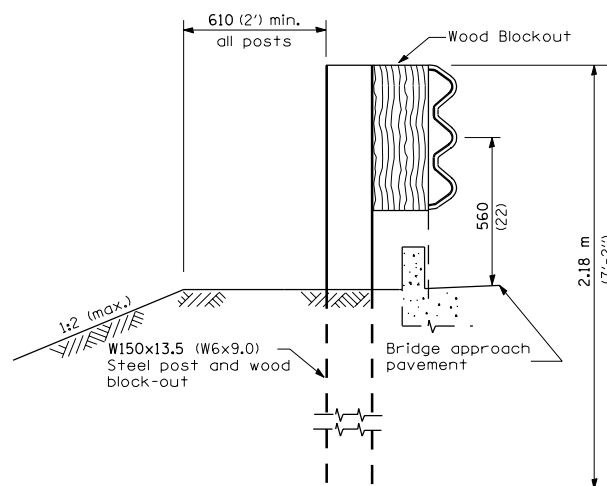
PARAPET OR WINGWALL



PLAN



ELEVATION



SECTION A-A

GENERAL NOTES

See Standard 630001 for details of guardrail not shown.

Thrie beam rail shall be bolted to block-out at all posts.

See Standard 420401 for details of bridge approach pavement.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in millimeters (inches) unless otherwise shown.

| DATE | REVISIONS |
|--------|---|
| 1-1-04 | Revised wood blockouts. |
| | |
| 1-1-03 | Revised to NCHRP 350 design post spacing and fastening. |

TRAFFIC BARRIER
TERMINAL, TYPE 6

Sheet 1 of 3

STANDARD 631031-05

| | |
|--|-----------------|
| Illinois Department of Transportation | |
| PASSED | January 1, 2004 |
| Michael Beard ENGINEER OF POLICY AND PROCEDURES | |
| APPROVED | January 1, 2004 |
| Michael L. Hines ENGINEER OF DESIGN AND ENVIRONMENT | |
| ISSUED | 1-1-03 |

The diagram illustrates the components and dimensions of a Traffic Barrier Terminal Type 6. It shows a series of concrete curbs (Type B) and beams. Key dimensions and components include:

- Pay limits of TRAFFIC BARRIER TERMINAL TYPE 6 (1 each)**: The main length of the terminal.
- Pay limits of other type**: The length of the terminal at the end.
- Two sections of three beam one set inside the other**: The internal structure of the terminal.
- Transition section included in TRAFFIC BARRIER TERMINAL TYPE 6 (3,4mm (10 gauge) rail element)**: The section at the end of the terminal.
- Type B concrete curb**: The individual concrete curbs.
- g, cut with t**: A detail of the curb and beam connection.
- B**: A detail of the beam connection.

Technical drawing of the bridge deck cross-section. The drawing shows a concrete structure with a width of 560 (221). The deck is supported by a concrete structure. The drawing includes dimensions for the deck width and the spacing of the deck components. The dimensions are as follows:

- Deck width: 560 (221)
- Concrete structure width: 184 (7 1/4)
- Spacing of deck components: 6 spaces at 476 (11'-6 3/4") and 7 spaces at 953 (31'-1 1/2")
- Overall length: 2,858 m (9'-4 1/2") and 9,144 m (30'-0")
- Overall width: 6,667 m (21'-10 1/2")
- Deck components are numbered 1 through 12.
- Labels include "Thrie beam and shoe" and "Concrete structure".
- A slope of 10:1 is indicated near the right end.
- A vertical dimension of 50 (2) is shown at the bottom right.

610 (2') min. all posts

Wood Blockout

560 (22')

Type B concrete curb B15 (B6)

2.18 m (typ.) (7'-2")

1:2 (max.)

Slope 1:10 or flatter

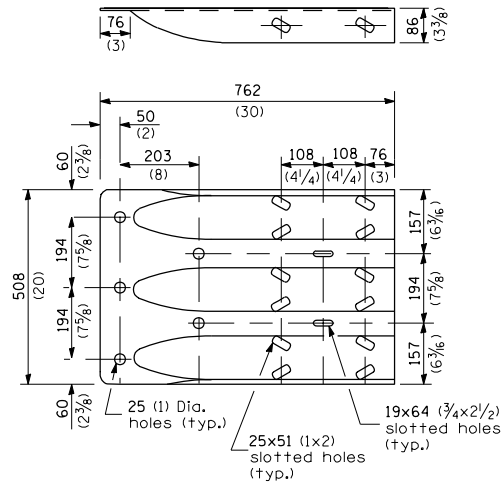
W150x13.5 (W6x9.0) steel post

OTHER CONCRETE STRUCTURE

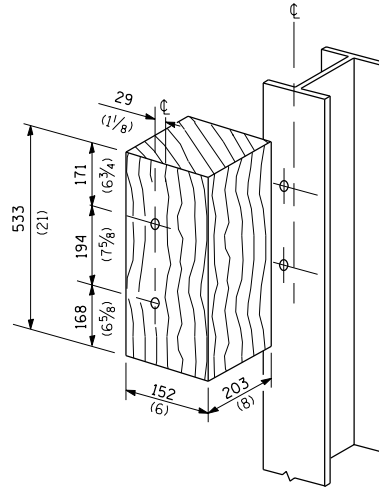
TRAFFIC BARRIER
TERMINAL, TYPE 6

Sheet 2 of 3

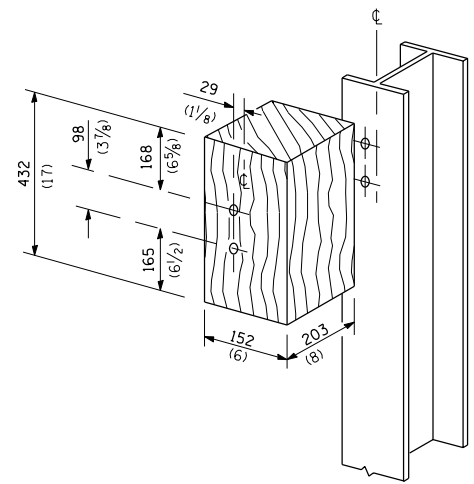
STANDARD 631031-05



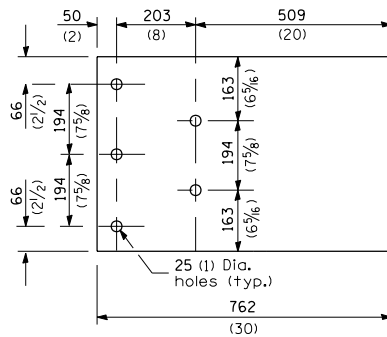
THRIE BEAM END SHOE DETAIL



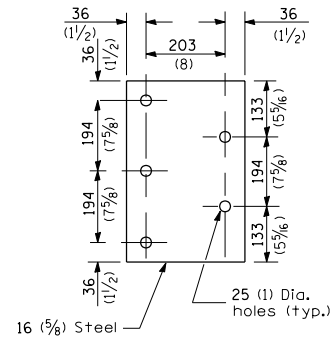
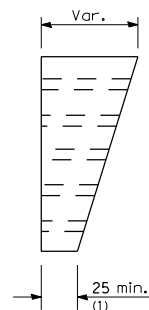
POSTS 1-11 WOOD BLOCKOUT DETAIL



POST 12 WOOD BLOCKOUT DETAIL



PARAPET WOOD BLOCK-OUT DETAIL



PARAPET STEEL BEARING PLATE DETAIL

(5 each individual 125x125x16 (5x5x5/8) steel plates with centered 25 (1) holes may be substituted for the plate shown.)